

**6th Math 1.5a**

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

1. Bill lives 5 miles away from school. Tammy lives  $\frac{1}{2}$  as far away from school as Bill. Joe's distance from school is  $\frac{1}{2}$  way between Bill and Tammy's. How far does Joe live?
  - A. 1.25 miles
  - B. 6.25 miles
  - C. 3.75 miles
  - D. 7.5 miles
  
2. A 4 pound mixture of nuts and raisins is  $\frac{2}{3}$  raisins. How many pounds of nuts are there?
  - A. 1.3 pounds
  - B. 1.6 pounds
  - C. 2.4 pounds
  - D. 2.6 pounds
  
3. Nila has 5.63 lbs of apples. She also has 3 bags of pears each of which weigh 4.02 lbs. What is the total weight of the pears and apples combined?
  - A. 9.65 lbs
  - B. 17.69 lbs
  - C. 20.91 lbs
  - D. 28.95 lbs
  
4. Nadin is growing 3 tomato plants in his backyard. The first plant is 3.29 ft tall, the second plant is  $\frac{3}{4}$  the height of the first plant, and the last plant is 1.2 ft taller than the second plant. What is the height of the third tomato plant? Round your answer to the nearest hundredth, if necessary.
  - A. 2.47 ft
  - B. 4.49 ft
  - C. 5.59 ft
  - D. 3.67 ft

5. Teresa filled her glass of water  $\frac{7}{8}$  full. The glass can hold a maximum of 8.2 oz of water. If Teresa drinks 3.4 oz of the water in her glass, how much water will she have left in her glass? Round your answer to the nearest hundredth, if necessary.
- A. 3.78 oz
  - B. 4.80 oz
  - C. 7.18 oz
  - D. 2.98 oz
6. A speedboat traveled 22.93 miles. A sailboat traveled  $\frac{1}{4}$  the distance of the speedboat. Finally, a rowboat traveled 3.1 miles less than the sailboat. How many miles did the rowboat travel? Round your answer to the nearest hundredth, if necessary.
- A. 0.78 miles
  - B. 5.74 miles
  - C. 2.63 miles
  - D. 19.83 miles
7. Felipe played outside for 6.7 hours on Saturday. If Felipe spent  $\frac{1}{3}$  of his time playing basketball and  $\frac{3}{5}$  of his time playing soccer, how many hours did Felipe spend playing basketball and soccer? Round your answer to the nearest hundredth, if necessary.
- A. 2.23 hrs
  - B. 6.25 hrs
  - C. 4.02 hrs
  - D. 1.79 hrs
8. Esmeralda had \$53.69. If she spent  $\frac{4}{9}$  of her money in a shoe store and  $\frac{3}{8}$  of her money in a music store, how much money did she spend altogether? Round your answer to the nearest hundredth, if necessary.
- A. \$3.73
  - B. \$20.13
  - C. \$23.86
  - D. \$44.00

9. Last weekend Iris practiced piano for 3.76 hours, the guitar for 2.3 hours, and the flute for  $\frac{2}{3}$  the amount of time she practiced the guitar. How much total time did Iris spend practicing musical instruments last weekend. Round your answer to the nearest hundredth, if necessary.
- A. 7.59 hrs
  - B. 8.57 hrs
  - C. 6.73 hrs
  - D. 6.06 hrs
10. Noe needed to cut 2 pieces of ribbon off of a spool. The first piece of ribbon he cut was 10.23 in. long. He cut a second piece of ribbon that was 2 times longer than the first piece of ribbon. If the piece of ribbon left on the spool was 1.3 in. shorter than the first piece he cut, how much ribbon was on the spool before he cut off the first piece?
- A. 19.16 in.
  - B. 39.62 in.
  - C. 13.53 in.
  - D. 49.85 in.